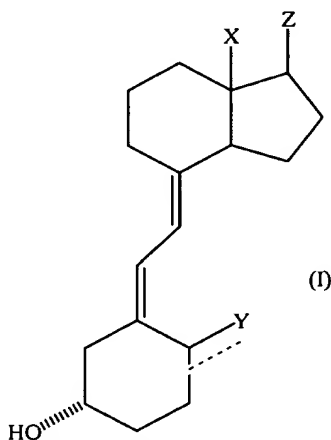




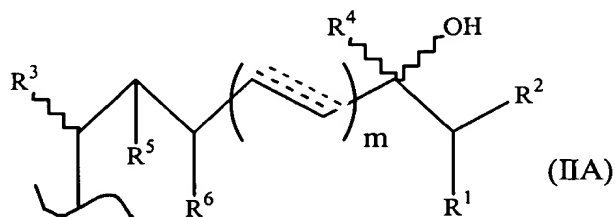
MARKED VERSION OF AMENDED CLAIMS UNDER  
37 CFR § 1.121(c)(1)(ii)

All the words, phrases, or numbers added to the claims are underlined, and all words, phrases, or number removed from each such claim are enclosed in brackets (“[ ]”).

4. (Twice Amended) The method of claim 14 wherein said 24-hydroxyvitamin D is a compound of formula (I):



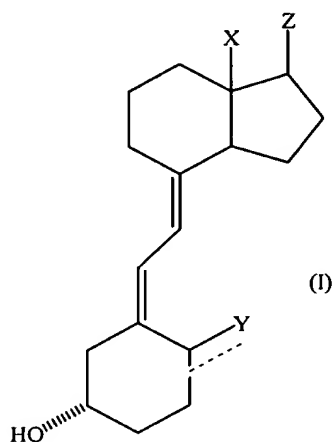
wherein Y is a methylene group if Y is double bonded to the A-ring or a methyl group or hydrogen if Y is single bonded; and X is hydrogen, lower alkyl or lower fluoroalkyl; [a dotted line along the side chain represents an optional additional C-C bond and m is 0 or 1; R<sup>1</sup> and R<sup>2</sup> are independently lower alkyl, lower fluoroalkyl, lower alkenyl, lower fluoroalkenyl, lower cycloalkyl or, taken together with the carbon to which they are bonded, form a C<sub>3</sub>-C<sub>8</sub> cyclohydrocarbon ring; R<sup>3</sup> is hydrogen, lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; R<sup>4</sup> is lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; R<sup>5</sup> and R<sup>6</sup> are each hydrogen or taken together form a double bond between C-22 and C-23] and Z is a side chain of formula (IIA):



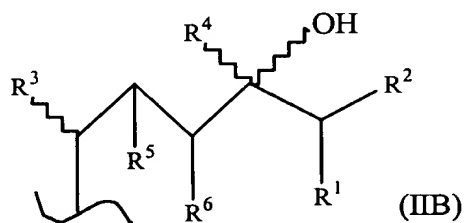
wherein a dotted line along the side chain represents an optional additional C-C bond and m is 0 or 1; R<sup>1</sup> and R<sup>2</sup> are independently lower alkyl, lower fluoroalkyl, lower alkenyl, lower

fluoroalkenyl, lower cycloalkyl or, taken together with the carbon to which they are bonded, form a C<sub>3</sub>-C<sub>8</sub> cyclohydrocarbon ring; R<sup>3</sup> is hydrogen, lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; R<sup>4</sup> is lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; and R<sup>5</sup> and R<sup>6</sup> are each hydrogen or taken together form a double bond between C-22 and C-23.

5. (Twice Amended) The method of claim 14 wherein said 24-hydroxyvitamin D is a compound of formula (I):



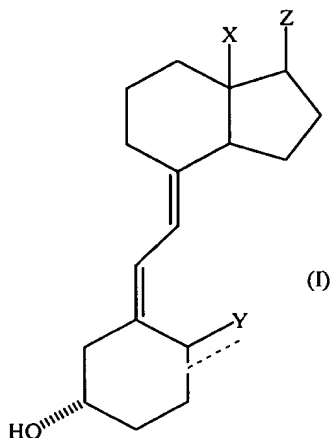
wherein Y is a methylene group if Y is double bonded to the A-ring or a methyl group or hydrogen if Y is single bonded; and X is hydrogen, lower alkyl or lower fluoroalkyl; [a dotted line along the side chain represents an optional additional C-C bond and m is 0 or 1; R<sup>1</sup> and R<sup>2</sup> are independently lower alkyl, lower fluoroalkyl, lower alkenyl, lower fluoroalkenyl, lower cycloalkyl or, taken together with the carbon to which they are bonded, form a C<sub>3</sub>-C<sub>8</sub> cyclohydrocarbon ring; R<sup>3</sup> is hydrogen, lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; R<sup>4</sup> is lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; and R<sup>5</sup> and R<sup>6</sup> are each hydrogen or taken together form a double bond between C-22 and C-23;] and Z is a side chain of formula (IIB):



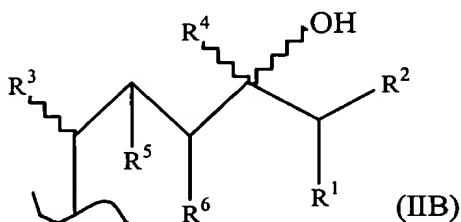
wherein  $R^5$  and  $R^6$  are each hydrogen or taken together form a double bond between C-22 and C-23,  $R^3$  is hydrogen, lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl;  $R^4$  is lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; and  $R^1$  and  $R^2$  are independently hydrogen, lower alkyl, lower fluoroalkyl, lower alkenyl, lower fluoroalkenyl, lower cycloalkyl or taken together with the carbon to which they are bonded form a  $C_3$ - $C_8$  cyclocarbon ring.

30. (Amended) The method of claim 29, wherein said 24-hydroxy~~previtamin~~ vitamin D is 24-hydroxy~~previtamin~~ vitamin  $D_2$ ; 24(S)-hydroxy~~previtamin~~ vitamin  $D_2$ ; 24-hydroxy~~previtamin~~ vitamin  $D_4$ ; or 24(R)-hydroxy~~previtamin~~ vitamin  $D_4$ .

36. (Amended) The composition of claim 15, wherein said 24-hydroxyvitamin D is a vitamin  $D_2$  compound of formula (I):



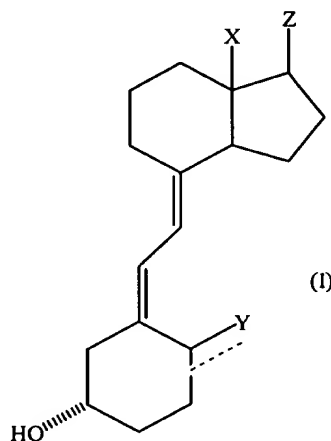
wherein Y is a methylene group if Y is double bonded to the A-ring or a methyl group or hydrogen if Y is single bonded; and X is hydrogen, lower alkyl or lower fluoroalkyl; and[,]  
wherein Z is a sidechain of formula (IIB):



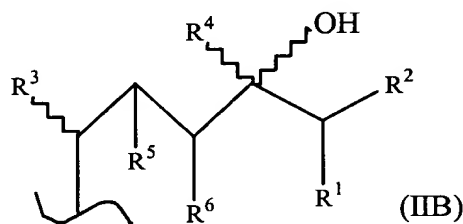
wherein  $R^5$  and  $R^6$  are each hydrogen or taken together form a double bond between C-22 and C-23,  $R^3$  is hydrogen, lower alkyl, lower fluoroalkyl, lower alkenyl or lower

fluoroalkenyl; R<sup>4</sup> is lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; and wherein R<sup>1</sup> is a methyl group, and wherein R<sup>2</sup> is a methyl group.

37. (Amended) The tablet of claim 25, wherein the vitamin D compound is a vitamin D<sub>2</sub> compound of formula (I):



wherein Y is a methylene group if Y is double bonded to the A-ring or a methyl group or hydrogen if Y is single bonded; and X is hydrogen; and[,] wherein Z is a sidechain of formula (IIB):



wherein R<sup>5</sup> and R<sup>6</sup> are each hydrogen or taken together form a double bond between C-22 and C-23, R<sup>3</sup> is hydrogen, lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; R<sup>4</sup> is lower alkyl, lower fluoroalkyl, lower alkenyl or lower fluoroalkenyl; and [wherein X is hydrogen,] wherein R<sup>1</sup> is a methyl group, and wherein R<sup>2</sup> is a methyl group.